

Atty Docket No. 015389-002990US

PTO FAX NO.: 1.703.872.9306

ATTENTION: Examiner Malgorzata A. Walicka  
TELEPHONE NO.: 1.703.305.7270

Group Art Unit 1652

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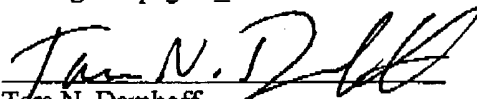
I hereby certify that the following document(s) in re Application of Thomas R. Cech et al., Application No. 10/054,295, filed January 18, 2002 for NOVEL TELOMERASE is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Document(s) Attached

1. Transmittal Form
2. Fee Transmittal
3. Supplemental Response (2 pages)
4. Terminal Disclaimer (re US Patent No. 6,465,789)
5. Terminal Disclaimer (re US Patent No. 6,261,836)

Number of pages being transmitted, including this page: 7

Dated: March 31, 2004

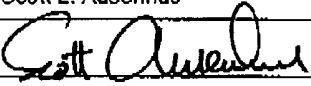
  
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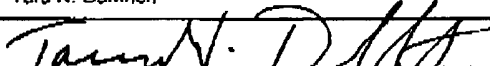
TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, CA 94111-3834  
Telephone: 303-571-4000  
Fax: 303-571-4321  
60173648 v1

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/054,295
		Filing Date	January 18, 2002
		First Named Inventor	Thomas R. Cech
		Art Unit	1652
		Examiner Name	Malgorzata A. Walicka
Total Number of Pages in This Submission		Attorney Docket Number	015389-002990US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input checked="" type="checkbox"/> Terminal Disclaimer (2) <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Townsend and Townsend and Crew LLP Scott L. Ausenhus Reg. No. 42,271
Signature	
Date	March 31, 2004

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (703) 872-9306 on March 31, 2004.			
Typed or printed name	Tara N. Damhoff		
Signature		Date	March 31, 2004

60165199 v1

PTO/SB/17 (10-03)

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 220

## Complete if Known

Application Number	10/054,295
Filing Date	January 18, 2002
First Named Inventor	Thomas R. Cech
Examiner Name	Malgorzata A. Walicka
Art Unit	1652
Attorney Docket No.	015389-002990US

**METHOD OF PAYMENT (check all that apply)**

☐ Check    ☐ Credit Card    ☐ Money Order    ☐ Other    ☐ None

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## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1001	770	Utility filing fee	
		1002	340	Design filing fee	
		1003	530	Plant filing fee	
		1004	770	Reissue filing fee	
		1005	180	Provisional filing fee	

SUBTOTAL (1)

(\$0)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	** =		
Multiple Dependent	X =		

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
		1202	18	Claims in excess of 20
		1201	88	Independent claims in excess of 3
		1203	290	Multiple dependent claim, if not paid
		1204	88	Reissue independent claims over original patent
		1205	18	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$0)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1051	130	Surcharge - late filing fee or oath	
		1052	50	Surcharge - late provisional filing fee or cover sheet	
		1053	130	Non-English specification	
		1812	2,520	For filing a request for reexamination	
		1804	920*	Requesting publication of SIR prior to Examiner action	
		1805	1,840*	Requesting publication of SIR after Examiner action	
		1251	110	Extension for reply within first month	
		1252	420	Extension for reply within second month	
		1253	950	Extension for reply within third month	
		1254	1,480	Extension for reply within fourth month	
		1255	2,010	Extension for reply within fifth month	
		1401	330	Notice of Appeal	
		1402	330	Filing a brief in support of an appeal	
		1403	290	Request for oral hearing	
		1451	1,510	Petition to institute a public use proceeding	
		1452	110	Petition to revive - unavoidable	
		1453	1,330	Petition to revive - unintentional	
		1501	1,330	Utility issue fee (or reissue)	
		1502	480	Design issue fee	
		1503	640	Plant issue fee	
		1460	130	Petitions to the Commissioner	
		1807	50	Petitions related to provisional applications	
		1806	180	Submission of Information Disclosure Stmt	
		8021	40	Recording each patent assignment per property (times number of properties)	
		1809	770	Filing a submission after final rejection (37 CFR § 1.129(a))	
		1810	770	For each additional invention to be examined (37 CFR § 1.129(b))	
		1801	770	Request for Continued Examination (RCE)	
		1802	900	Request for expedited examination of a design application	
Other fee (specify) Terminal Disclaimer To Obviate A Double Patenting Rejection Over A Prior Patent (2 x 110)					220

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$220)

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Scott L. Ausenhus	Registration No. (Attorney/Agent)	42,271	Telephone	303-571-4000
Signature		Date	March 31, 2004		

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60165197 v1

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PATENT  
Attorney Docket No.: 015389-002990US  
Client Ref. No.: 018/184C

TOWNSEND and TOWNSEND and CREW LLP

By: 

Tara N. Damhoff

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Thomas R. Cech et al.

Application No.: 10/054,295

Filed: January 18, 2002

For: NOVEL TELOMERASE

Customer No.: 20350

Confirmation No. 6534

Examiner:

Technology Center/Art Unit: 1646

SUPPLEMENTAL RESPONSE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This response is supplemental to the response filed on February 23, 2004, which  
was a complete response to the Office Action mailed on October 21, 2003.

Remarks/Arguments begin on page 2 of this paper.